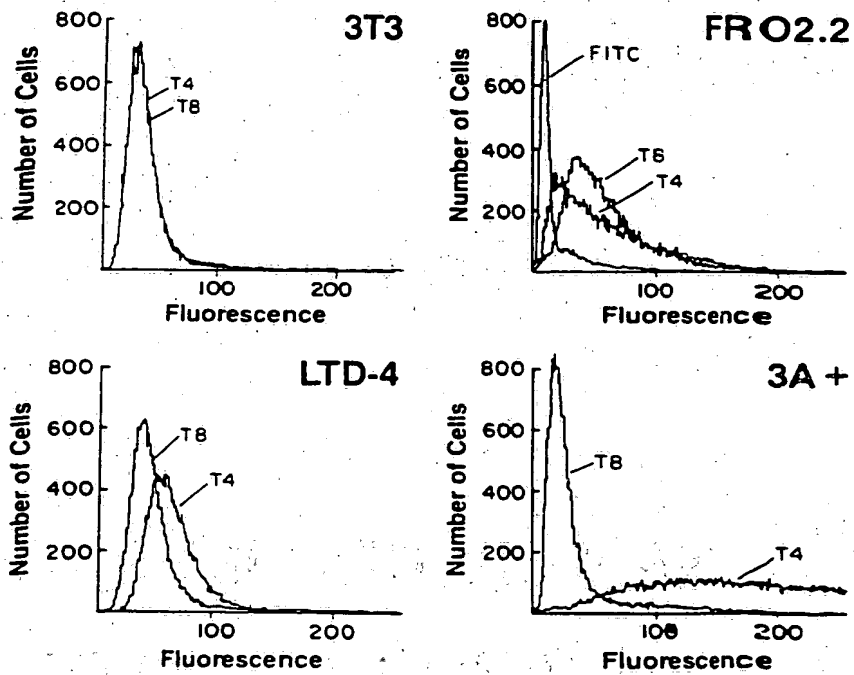




1/30

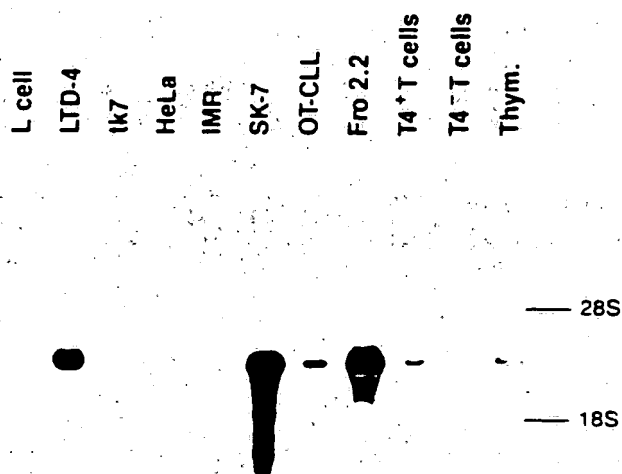
Figure 1





2/30

Figure 2



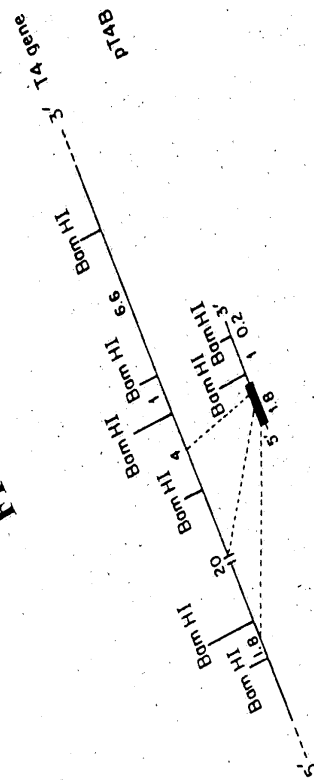


FIGURE 3A

FIGURE 3B

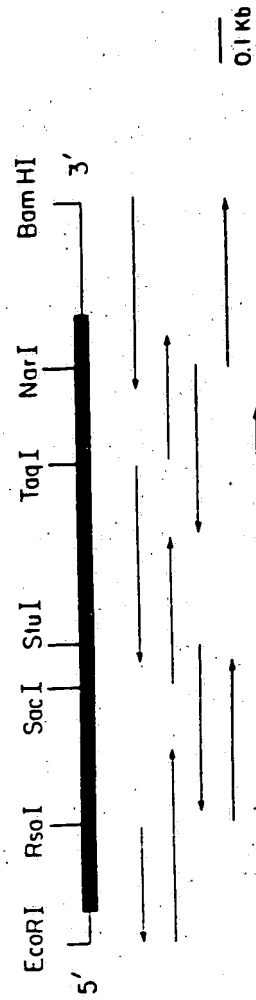
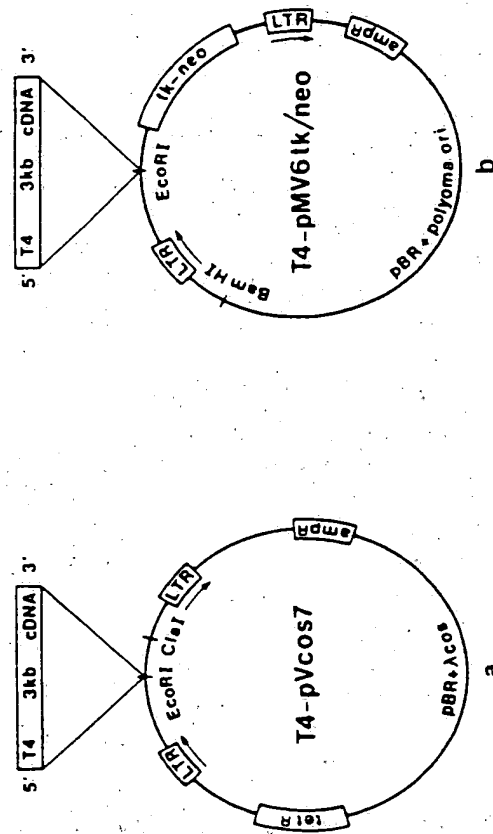
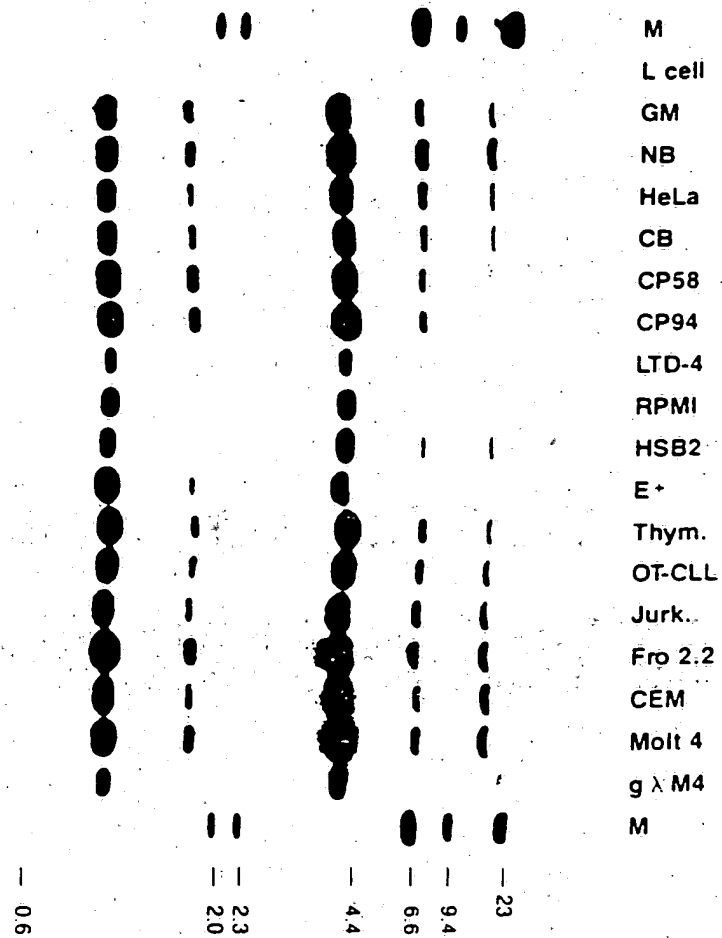


FIGURE 3C



6/30

Figure 4



7/30
Figure 5

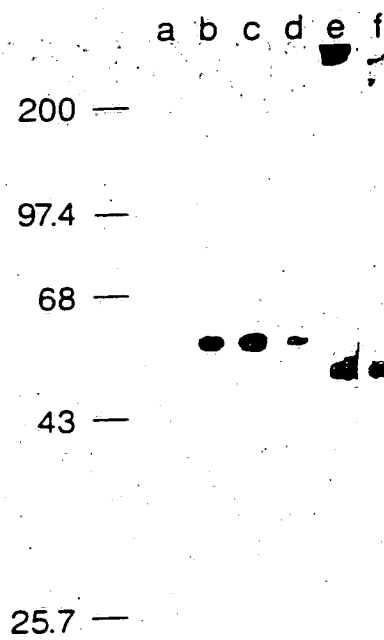


FIGURE 6A

[illegible]

FIGURE 6B

⁺²³⁰ lile thr phe asp leu lys asn lys glu val ser val lys arg val thr glin asp pro lys leu glin met gly lys lys leu pro leu his
 ATC ACC TTT CAC CTC CAG AAC AAC AGA GAA GTG TCT GTA AAA CCG GTT ACC CAG CAC CAG ATC CCG AGC AAC CTC CCG CTC CAC 918
 ----- V3 -----
⁺²⁴⁰ CHC
⁺²⁶⁰ leu thr pro glin ala leu pro glin tyr ala gly ser gly asn leu thr leu ala leu glu ala lys thr gly lys leu his glin glu
 CTC ACC CTC CCG CAG CCG TTT CCG TCT CCG TAT CCG CCG CTT CCA ACC CTC ACC CTT GAA CCG AAA ACA GAA TTT CAT CAG GAA 1008
 ----- J3 -----
⁺²⁹⁰ val asn leu val val met arg ala thr glin leu glin lys asn leu thr cys glu val trp gly pro thr ser pro lys leu met leu ser
 GTC AAC CTC GTG GTG ATC V4 -----
⁺³²⁰ leu lys leu glu asn lys glu ala lys val ser lys arg glu lys ala val trp val leu asn pro glu ala gly met trp glin cys leu
 TTC AAA CTC CAG CAC AAC CAG CAG CCA AAC GTT TCG AAC CCG CCG CAG AAC CCG GTG CCG CCG CTT CAG CCG CCG ATC TCG CAG TCT CTC 1188
 ----- V4 -----
⁺³⁵⁰ leu ser asp ser gly glin val leu leu glu ser asn ile lys val leu pro thr trp ser thr pro val glin pro met ala leu ile val
 CTC AGT CAC TCG CCA CAG CTC CTC CAG CAC AAC TCC AAC ATC AGC GTT CTT CCG CCA TCG TCG ACC CCG GTG CAG CCA ATC CCG CTC ATT CTC 1278
 ----- J4 -----
⁺³⁸⁰ leu gly gly val ala gly leu leu leu phe ile phe phe cys val arg cys arg his arg arg arg glin ala glu arg
 CTC CCG CCG CCG CCG CCG CTT TTT CTT ATT CCG CTA CCG ATC TTC TTT TGT CCG ACC TCG CCG CCA ACC CCG CCA CCA CCG CCG 1368
 ----- TM -----
⁺⁴¹⁰ met ser glin ile lys arg leu leu ser glu lys leu thr cys glin cys pro his arg phe glin lys thr cys ser pro ile
 ATG TCT CAG ATC AAC AGC CTC CTC AGT CAG AAC AGC ACC TCG CAG TCG CCG CCG CTT CAG AAC TCG ACC CCG ATT TGA CCG CCA 1459
 ----- CMT -----

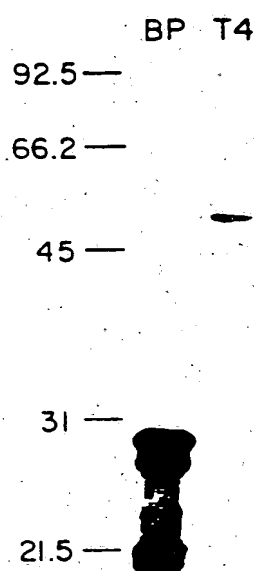
Abstract

[illegible]

CTCATGATTCTCTCAACCTTCCCACTCTCTCATTTGATGC 1742

10/30

Figure 7



11/30

Figure 8

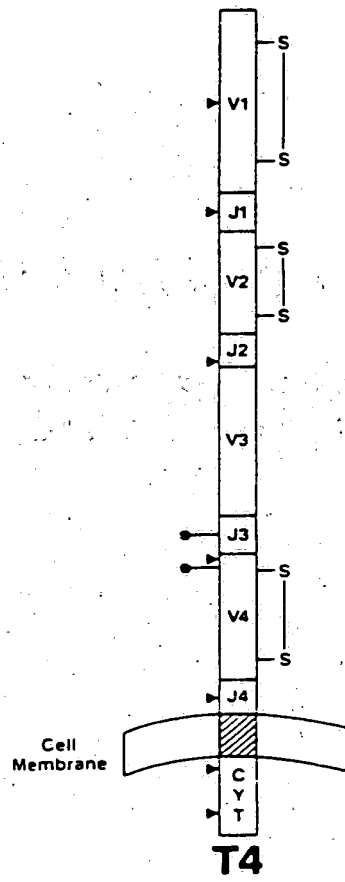
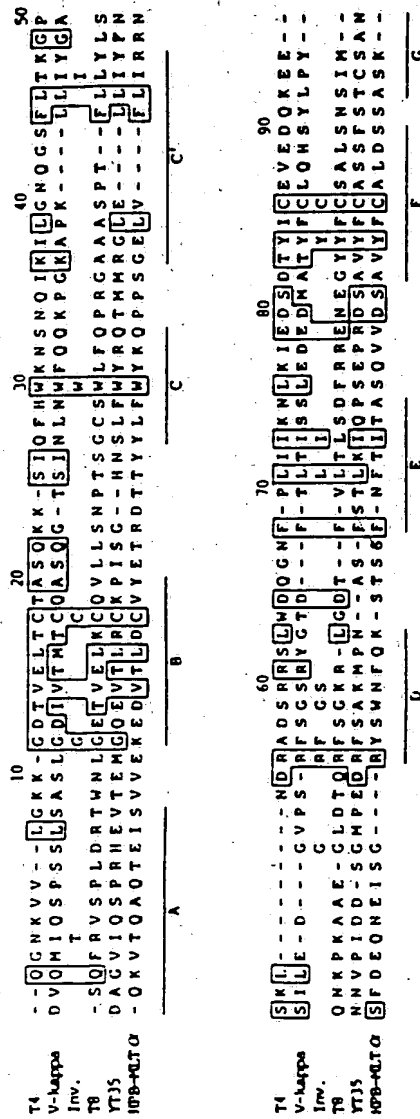


FIGURE 9A



13/30

Figure 9B

	100
T4 J	L V F G L - T A N S D T H
Consensus JB	L Y F G E G T R L T V L -
Consensus JA	W V F G G G T K V T V L G
Consensus JK	- T F G G G T K L E I K R
HPB-MLT α J	I I F G S G T R L S I R -

FIGURE 9C

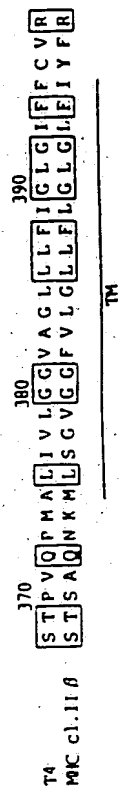


FIGURE 10

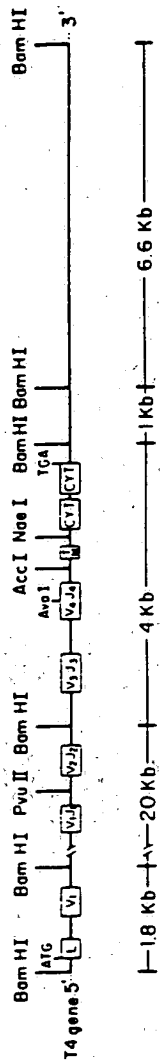


FIGURE 11A

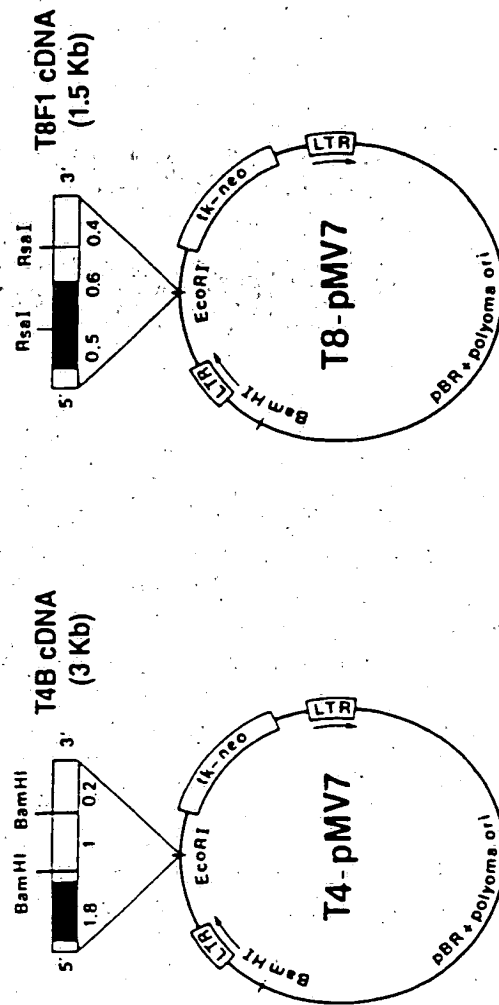
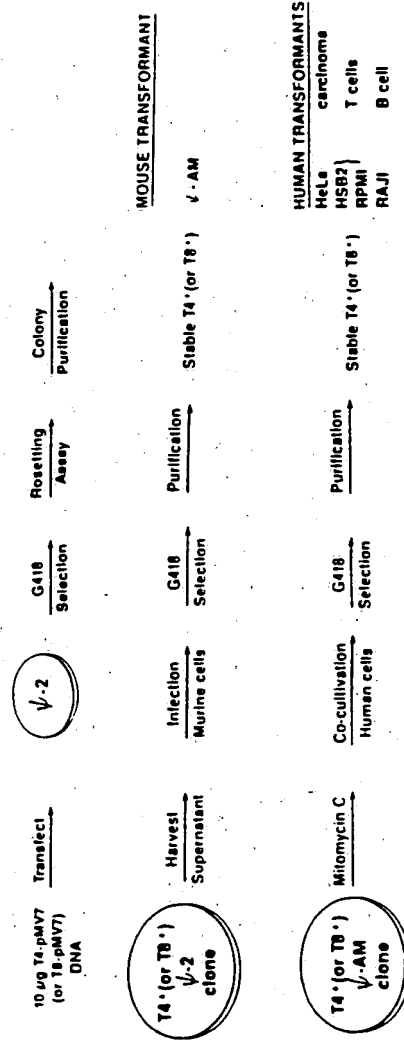
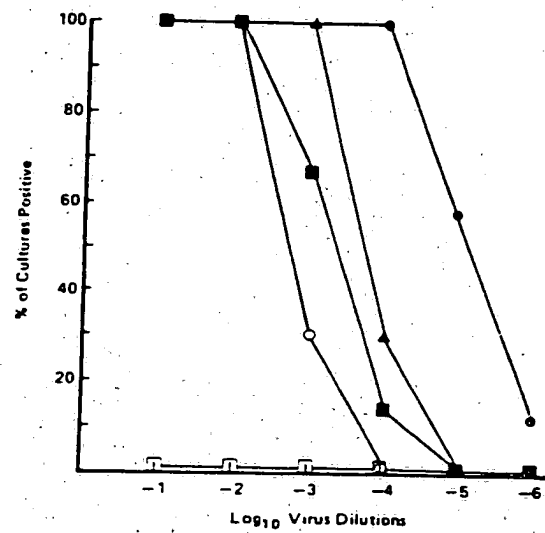


FIGURE 11B



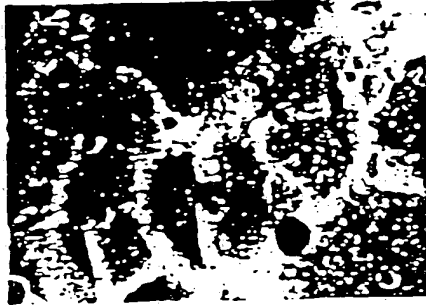
18/30

Figure 12



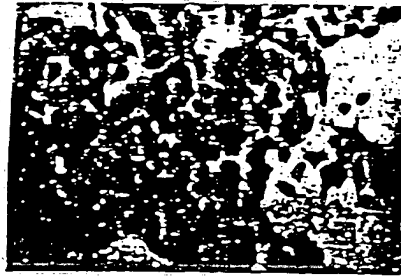
19/30

Figure 13A



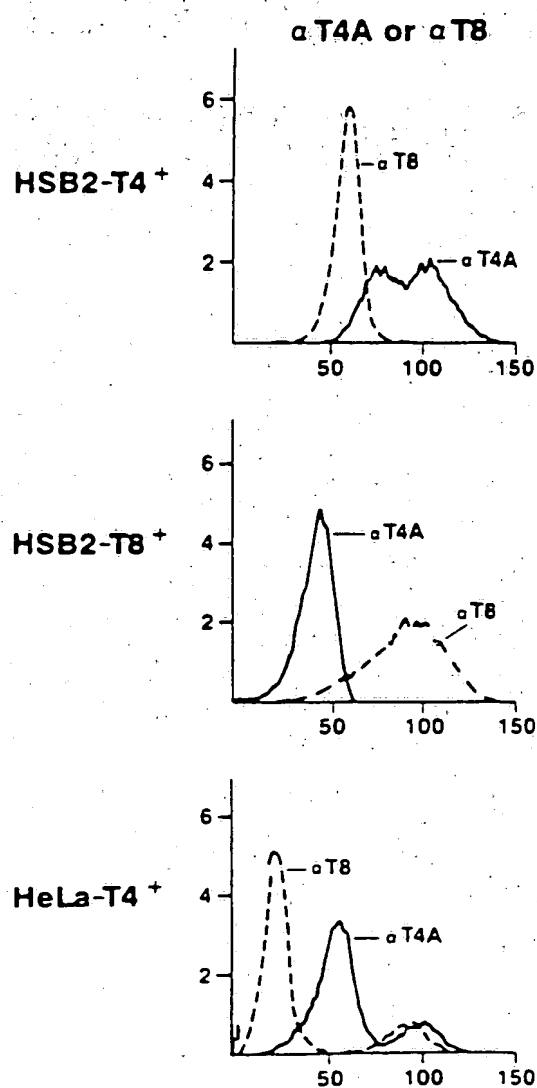
20/30

Figure 13B



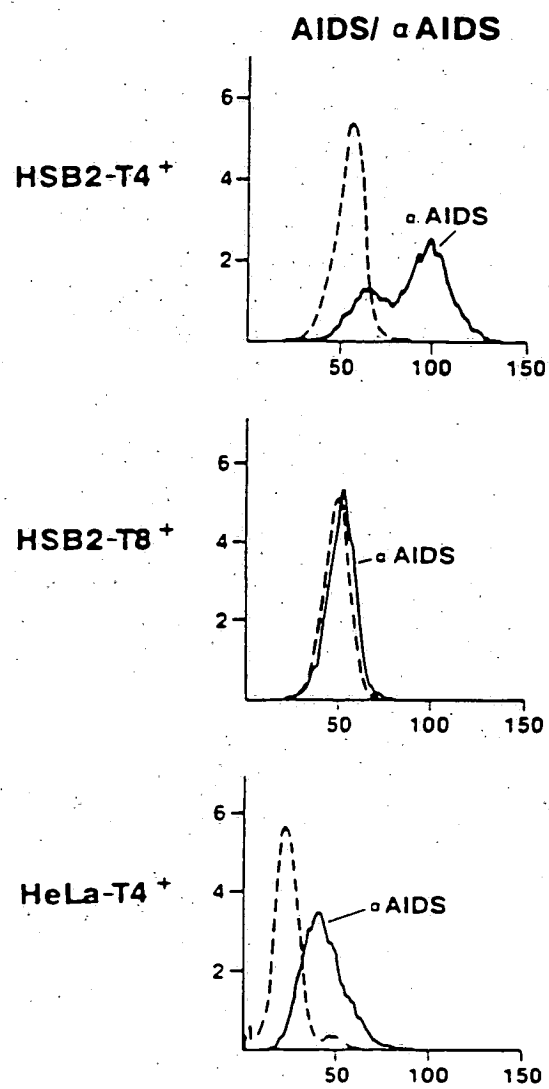
21/30

Figure 14A



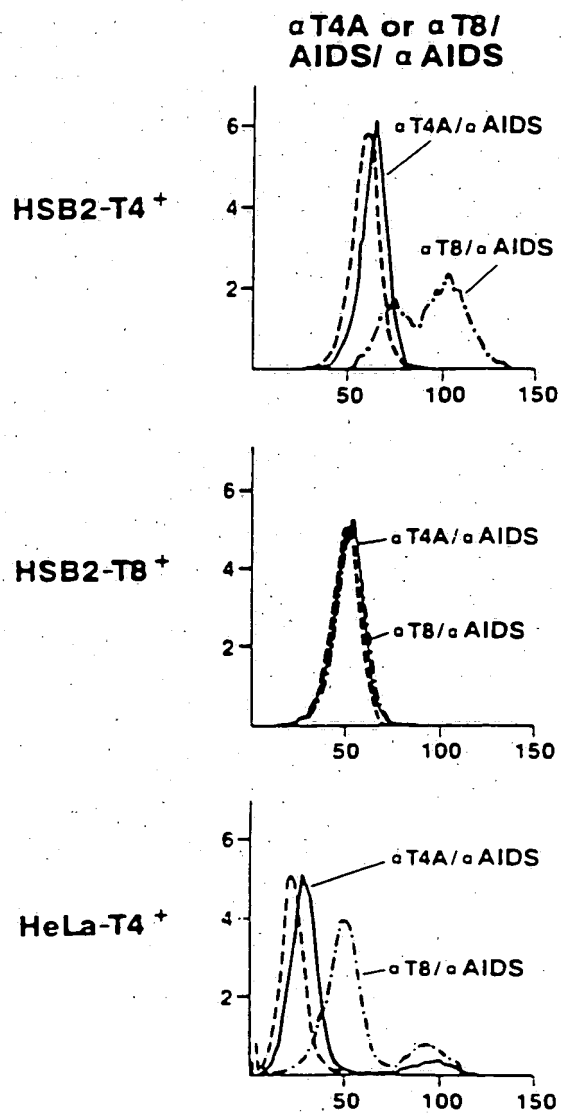
22/30

Figure 14B



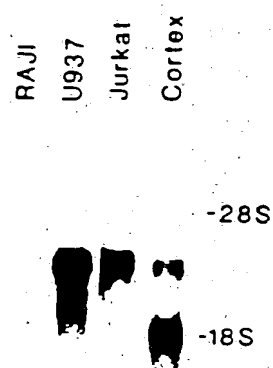
23/30

Figure 14C



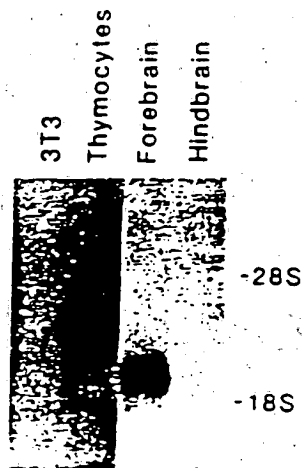
24/30

Figure 15A



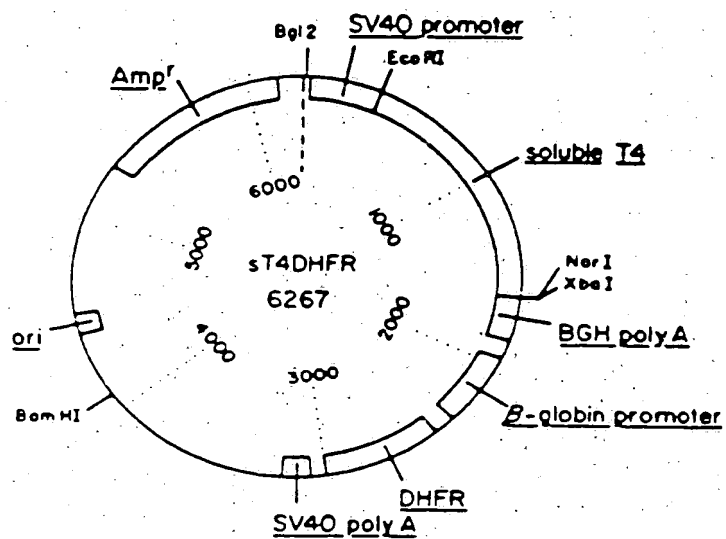
25/30

Figure 15B



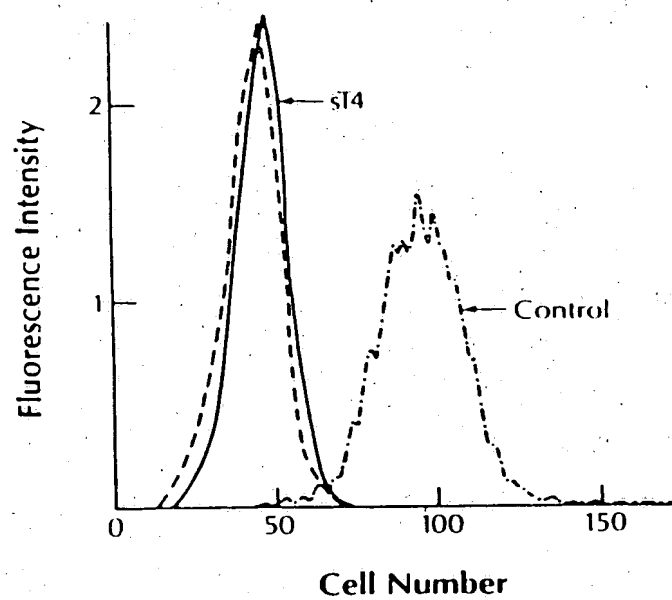
26/30

Figure 16



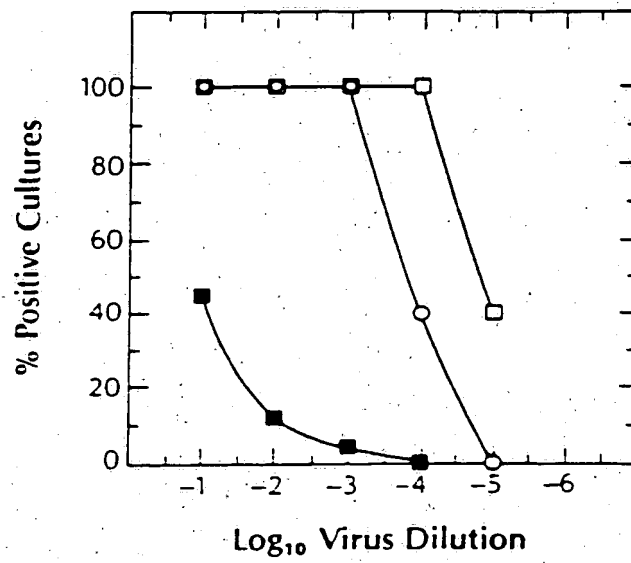
T4 +370
 — thr pro val gln pro met ala leu —
 — ACC CCG GTC CAG CCA ATG GCC CTG —

sT4
 — thr pro val ser —
 — ACC CCG GTG TAA TGGCGCCTCTAGA —
 HpaII NotI XbaI

FIGURE 17

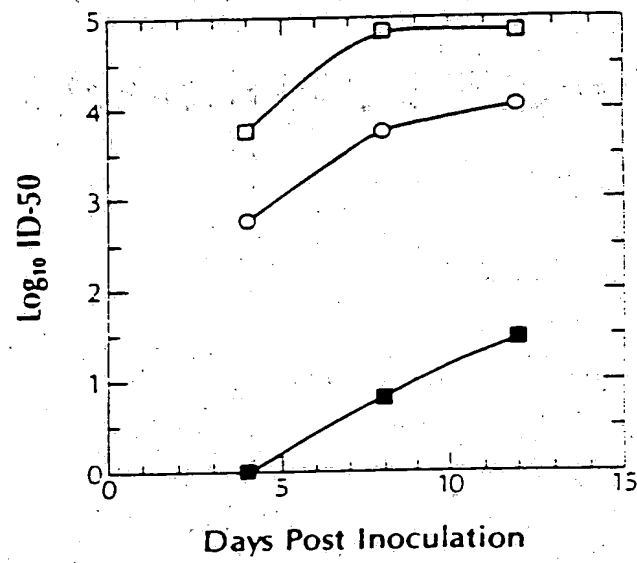
28/30

Figure 18A



29/30

Figure 18B



30/30

Figure 18C

